

CLAIM AMENDMENTS

1 (currently amended): A responsive system for digital signal processing, comprising:

a data transmission unit; and

a plurality of data processing units communicating with one another through said data transmission unit, said data processing units implementing at least one computer program dependent on a respective update status[[]], the system being configured as follows:

- a1
- a) each of said data processing units, during each communication, assigning a revision identity ~~characterizing its update status~~ to a signal produced by said data processing unit to characterize said respective update status of said signal;
 - b) one of said data processing units receiving the signal, performing a comparison to determine if the revision identity characterizing the received signal matches a revision identity stored for that signal; and
 - c) said one of said data processing ~~unit~~ units receiving the signal, performing said at least one computer program on

~~regular processing~~ of the signal ~~[[if]]~~ upon matching
the received revision identity ~~matches~~ with the stored
revision identity and otherwise not performing said at
least one computer program on ~~regular processing~~ of the
signal.

2 (original): The responsive system according to claim 1,
wherein each of said data processing units has an analysis
module for carrying out the comparison.

al 3 (original): The responsive system according to claim 1,
including a first database storing the respective update
status of at least one of the signals and the computer
programs of all of said data processing units, and a second
database storing at least one of future modifications or
revisions of respective signals to be modified and respective
computer programs to be modified.

4 (original): The responsive system according to claim 1,
including a service system for updating at least one of the
computer programs and the signals of said data processing
units.

5 (currently amended): A method for operation of a responsive
system for digital signal processing, which comprises:

- a) providing a data transmission unit;
- b) providing a plurality of data processing units
communicating with one another through the data transmission
unit;
- c) implementing at least one computer program depending on a
respective update status in the data processing units;
- d) producing a signal with one of the data processing units,
and assigning a revision identity to the signal
characterizing an update status of the signal, for each
communication; and
- e) carrying out a comparison in one of the data processing
units receiving a signal to determine if the revision
identity characterizing the received signal matches a
revision identity stored for that signal; ~~and~~
- ~~f) carrying out regular processing of the signal if the
revision identities match, and otherwise not carrying out the
regular processing of the signal.~~

6 (original): The method according to claim 5, which further comprises storing the stored revision identity in an analysis module in the data processing unit receiving the signal and in a database.

7 (original): The method according to claim 5, which further comprises storing the stored revision identity in a database.

8 (original): The method according to claim 5, which further comprises storing the stored revision identity in an analysis module in the data processing unit receiving the signal.

al 9 (original): The method according to claim 6, which further comprises incrementing the revision identity characterizing the signal and the revision identity stored for the signal by a value of one for a revision relating to that signal.

10 (original): The method according to claim 7, which further comprises incrementing the revision identity characterizing the signal and the revision identity stored for the signal by a value of one for a revision relating to that signal.

11 (original): The method according to claim 8, which further comprises incrementing the revision identity characterizing

the signal and the revision identity stored for the signal by a value of one for a revision relating to the signal.

12 (original): The method according to claim 6, which further comprises providing the revision identity characterizing the signal, and the revision identity stored for the signal, with a negative mathematical sign when the signal is removed.

13 (original): The method according to claim 7, which further comprises providing the revision identity characterizing the signal, and the revision identity stored for the signal, with a negative mathematical sign when the signal is removed.

al 14 (original): The method according to claim 8, which further comprises providing the revision identity characterizing the signal, and the revision identity stored for the signal, with a negative mathematical sign when the signal is removed.

15 (new): The method according to claim 5, wherein implementing at least one computer program depending on a respective update status includes processing the received signal if the revision identities of the received signal and stored signal match and otherwise not processing the received signal.
